

AUDIONET

Scientific magic.

WATT

The power and the glory



This is a scientific paper.

For holographic images and optimal resolution please do visit your audionet expert dealer.
Thanks very much. We're glad you are with us.

SCIENTIST SERIES – ULTRA MACHINE WATT

The Machine

Even more subtle. Even more transparent. With an even bigger soundstage and a force beyond equal.

WATT makes another quantum leap from the celebrated performance of our audiophile amplifier SAM onto another level. Whoever wants the penultimate in a single machine – WATT's your choice. From this day on.

The Science

- Massive aluminium body and resonance-optimized fixation with invisible screws.
- Magnetically and capacitively optimized circuit and device design, shortest signal paths.
- Double-mono design for maximum channel separation.
- Electronic volume control with high audio grade components.
- Non-disengageable DC servo, no sound degrading capacitors or coils in the signal path.
- ULA technology (Ultra Linear Amplifier).
- Separated power supply for control and analog sections.
- Two separated power supplies for driver stage and power stage of amplifiers.
- One encapsulated 50 VA toroid transformer with separated windings for input and driver stage.
- Two encapsulated 700 VA toroid transformers for the power stage.
- Total capacitance more than 200,000 μF .
- Consequent double-mono design of phono module for MM and MC pickups, setup by user menu.
- Internal wiring with gold-doped pure silver cables.



- Rhodium speaker terminals by Furutech.
- Rhodium fuse.
- By-pass mode for integration into home cinema systems.
- Microprocessor with separate power supply – controls and monitors all functions and informs the user via dimmable display.
- 2 Audionet Link outputs to control further Audionet devices remotely.
- Switchable headphones output driven by power stage.
- Audionet metal remote control RC 1.

Function

Analog integrated stereo amplifier.

In- and Outputs

Inputs:	3 pairs RCA line, gold plated, Teflon insulated
	1 pair XLR balanced, gold plated (Neutrik)
Outputs:	2 pair Furutech 4mm-jacks, Rhodium
	1 pair RCA, gold-plated, Teflon insulated (Pre Out)
	2 Audionet Link, optical (Toslink)
	1 headphones socket (6.3 mm, stereo)

Technical Data

Output power:	2 x 167 Watt into 8 Ohm 2 x 284 Watt into 4 Ohm 2 x 443 Watt into 2 Ohm
Damping factor:	typ. 1,000 at 100 Hz
Frequency response:	0.3 – 650,000 Hz (- 3 dB)
Harmonic distortion:	k2 typ. -101 dB, k3 typ. -107 dB @1 kHz, 25 W/4 Ohm
THD + N:	< -98 dB @1 kHz, 100W/4 Ohm
SNR:	> 106 dB (weighted)
Channel separation:	> 103 dB @ 1 kHz
Filtering capacitance:	200,000 µF
Input impedance:	Line input 50 kOhm XLR input: 7 kOhm
Mains:	220...240V or 110...120V, 50...60 Hz
Power consumption:	< 1 W Stand by, typ. 900 W
Dimensions:	Width 430 mm Height 130 mm Depth 450 mm
Weight:	22.5 kg

Option

MM and MC phono module.

Finish

Front:
Brushed aluminium, 12 mm, C-32 (light bronze) anodized, text and icons engraved

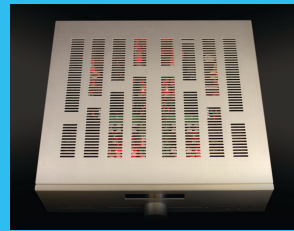
Display:
White

Cover:
Brushed aluminium, 6 mm, C-32 (light bronze) anodized

Plates:
Brushed aluminium, 12 mm, C-32 (light bronze) anodized

Chassis:
Brushed aluminium, C-32 (light bronze) anodized, white printing





en.audionet.de



Audionet is a registered trademark of IDEKTRON GmbH & Co. KG

AlboinstraÙe 36-42
12103 Berlin
Germany

contact@audionet.de

Idektron Unternehmens- und Technologie- Beratung GmbH & Co.
Entwicklungs- und Produktions-KG, Berlin, Germany;
Entry in Handelsregister Amtsgericht Charlottenburg HRA 51812B;
Personally liable partner & professional representation:
Idektron Unternehmens- und Technologie- Beratung GmbH,
Alboinstr. 36-42, 12103 Berlin, Germany;
Entry in Handelsregister: Amtsgericht Charlottenburg HRB 173373 B;
Managing directors: Thomas Gessler, Robert Hagemann.

Errors and omissions excepted. Specifications and design are subject to changes without prior notice.

Sources
PLANCK
VIP G3
ART G3



Integrated Amplifier
WATT
SAM G2



Preamplifier
STERN
PRE G2
PRE I G3
MAP I
PAM G2



Power Amplifier
HEISENBERG

MAX
AMP
AMPV7
AMP IV2
AMPV
AMP IV
AMP III



Network Components

DNP
DNA 2.0
DNA I
DNC



Power Supply
AMPERE
EPX
EPS G2

